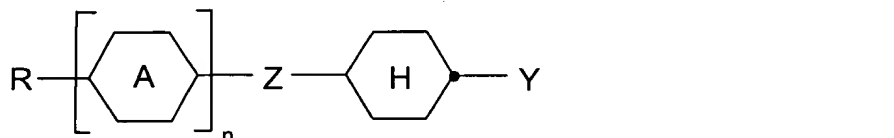



This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (currently amended) Liquid-crystalline medium ~~based on~~ comprising a mixture of polar compounds of positive dielectric anisotropy, ~~characterized in that it~~ wherein the medium comprises one or more compounds of ~~general~~ formula I



in which

R is H, an alkyl or alkenyl radical having 1 to 15 carbon atoms which is unsubstituted, monosubstituted by CN or CF<sub>3</sub> or at least monosubstituted by halogen, where one or more CH<sub>2</sub> groups in these radicals ~~may also~~ are optionally, in each case independently of one another, ~~be~~ replaced by -O-, -S-, , -CO-, -CO-O-, -O-CO- or -O-CO-O in such a way that O atoms are not linked directly to one another.



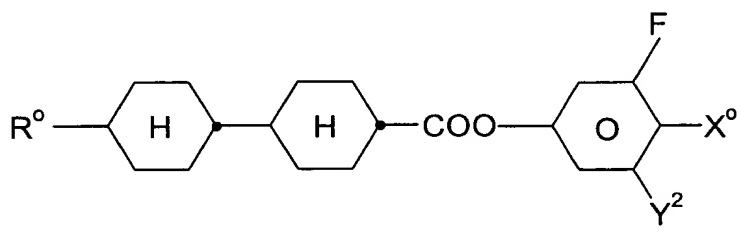
is a trans-1,4-cyclohexylene ring, in which, ~~in addition~~, one or two CH<sub>2</sub> groups ~~may be replaced~~ are optionally replaced by -O- and/or -S-, or a cyclohexenylene ring,

Y is halogenated alkyl, halogenated alkenyl, halogenated alkoxy or halogenated alkenyloxy having ~~up~~ 1 to 6 carbon atoms,

Z is -CH<sub>2</sub>O-, -OCH<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -CH=CH-, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -C<sub>2</sub>F<sub>4</sub>- or a single bond, and

n is 1 or 2, and

the medium comprises one or more compounds of the formula



in which

R°: n-alkyl, oxoalkyl, fluoroalkyl or alkenyl, in each case having 1 to 7 carbon

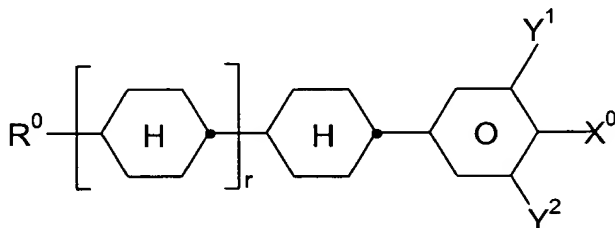
atoms;

X°: F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 carbon atoms;

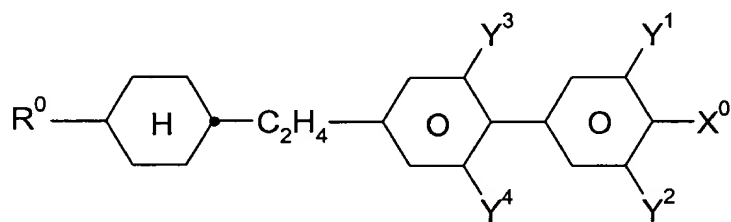
Y²: H or F, and

r: 0 or 1.

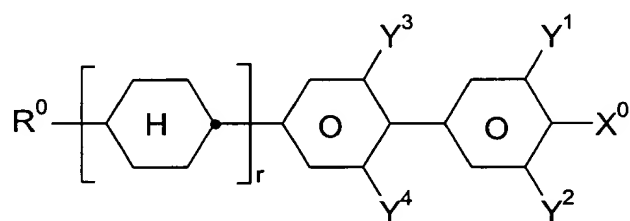
2. (currently amended) Medium according to claim 1, ~~characterized in that it~~ which additional comprises one or more compounds selected from the group consisting of compounds of the general formulae II to VIII:



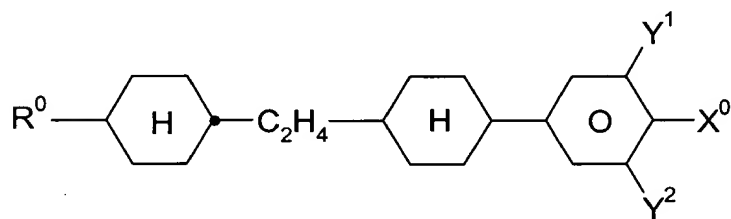
II



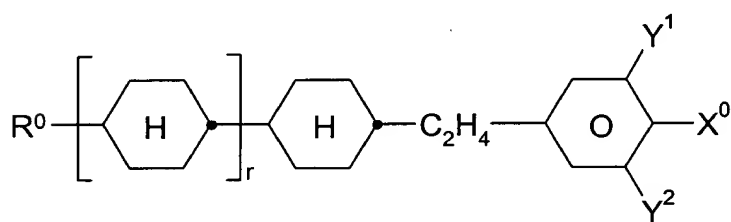
III



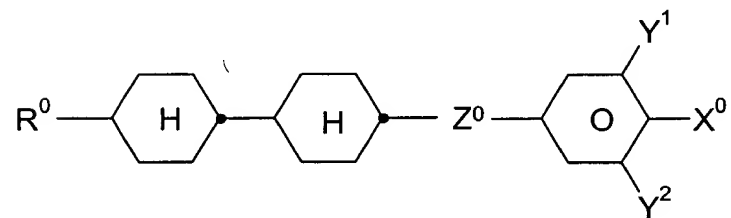
IV



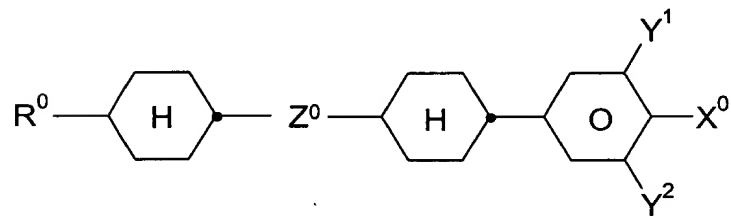
V



VI



VII



VIII

in which the individual radicals have the following meanings:

- R<sup>o</sup>: n-alkyl, oxoalkyl, fluoroalkyl or alkenyl, in each case having ~~up~~ 1 to 7 carbon atoms;
- X<sup>o</sup>: F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 carbon atoms;
- Z<sup>o</sup>: -C<sub>4</sub>H<sub>8</sub>-, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -C<sub>2</sub>F<sub>4</sub>-, -CH<sub>2</sub>O-, -OCH<sub>2</sub>- or -COO-;
- Y<sup>1</sup>, Y<sup>2</sup>,  
Y<sup>3</sup> and Y<sup>4</sup>: each, independently of one another, H or F, and
- r: 0 or 1.

3. **(currently amended)** Medium according to claim 2, ~~characterized in that~~  
wherein the proportion of compounds of the formulae I to VIII in the mixture as a whole is at least 50% by weight.

B,  
cont.

4. **(currently amended)** Medium according to Claim 1, ~~characterized in that~~  
wherein the proportion of compounds of the formula I in the mixture as a whole is from 5 to 50% by weight.

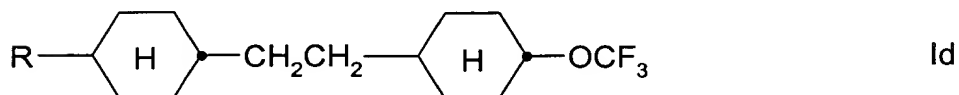
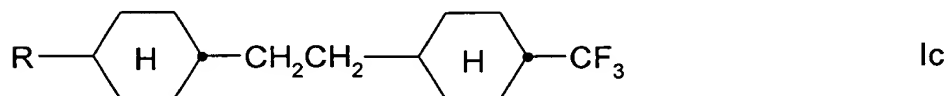
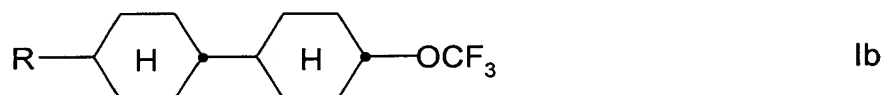
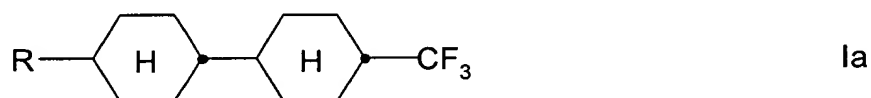
5. **(currently amended)** Medium according to Claim 2, ~~characterized in that~~  
wherein the proportion of compounds of the formulae II to VIII in the mixture as a whole is from 20 to 80% by weight.

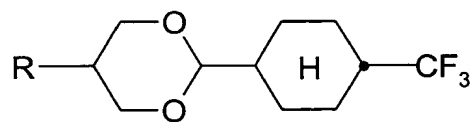
6. **(canceled)**

7. (currently amended) Medium according to Claim 2, ~~characterized in that~~  
wherein the medium comprises at least one compound of formulae II to VIII, wherein  $X^0$  is F  
or  $OCF_3$ , and  $Y^2$  is H or F.

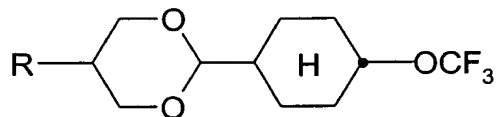
8. (currently amended) Medium according to Claim 1, ~~characterized in that~~  
wherein the medium comprises at least one, in the compound of the formula I, wherein Y is  
 $OCF_3$  or  $CF_3$ .

9. (currently amended) Medium according to Claim 1, ~~characterized in that~~  
the wherein the medium comprises at least one compound of the formula I is selected from  
the group consisting of the compounds Ia to In:

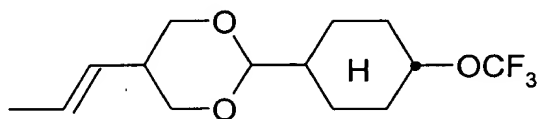




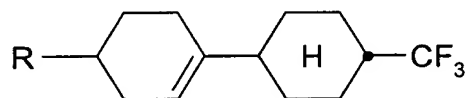
le



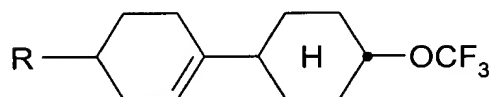
lf



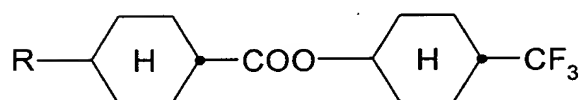
lg



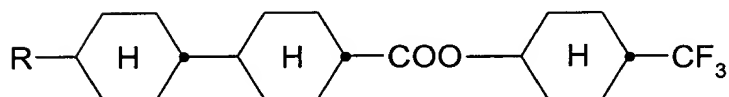
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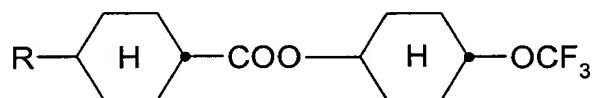
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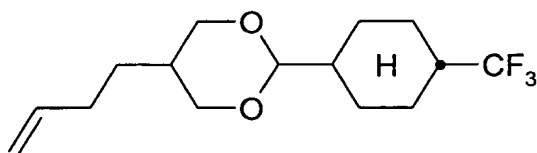


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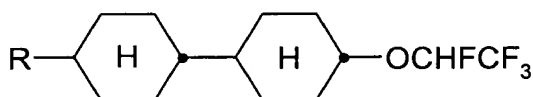


ll

B<sub>1</sub>  
cont.



Im



In

in which R is as defined in Claim 1.

10. (canceled)

11. (original) Electro-optical liquid-crystal display containing a liquid-crystalline medium according to claim 1.

B1  
cont.

Please add the following new claims:

12. (newly added) Medium according to claim 1, wherein the medium comprises one or more compounds of the formula I having at least one ring A which is trans-1,4-cyclohexane or dioxane.

B2

13. (newly added) Medium according to claim 1, wherein the medium comprises one or more compounds of the formula I wherein Z is a single bond, -COO- or -CH<sub>2</sub>CH<sub>2</sub>-.

14. (newly added) Medium according to claim 1, wherein the medium retains a nematic phase down to  $-20^{\circ}\text{C}$  or less, has a clearing point above  $80^{\circ}\text{C}$ , and has a birefringence of  $\leq 0.08$ .

15. (newly added) Medium according to claim 1, wherein the medium retains a nematic phase down to  $-30^{\circ}\text{C}$  or less, has a clearing point above  $90^{\circ}\text{C}$ , has a birefringence of  $\leq 0.07$ .

16. (newly added) Medium according to claim 1, wherein the medium has a TN threshold below 1.9 V.

B2  
cont 17. (newly added) Medium according to claim 1, wherein the medium has a TN threshold below 1.7 V.

18. (newly added) Medium according to claim 9, wherein the medium comprises one or more compounds of each of the formulae Ib and Ie.

19. (newly added) Medium according to claim 9, wherein the medium comprises one or more compounds of each of the formulae Ij and Ik.

20. (newly added) Medium according to claim 2, wherein the medium comprises at least one compound of the formula IV wherein r is 1,  $Y^1$ ,  $Y^2$  and  $Y^3$  is F and  $Y^4$  is H.